

Mipro Products

Wireless Microphone Systems

ACT-707 UHF Four Channel True Diversity Receiver (Analog)



Features

- EIA-standard 19" 1-rack unit metal chassis. Compact and space-saving design allows 4 hot-swappable receivers modules.
- Reliable true diversity reception for maximum range with dual "Pilotone & NoiseLock" circuit prevents interferences.
- Innovative, easy-to-read color LCD displays RF/AF, diversity strength, transmitter battery level.
- Press the "SCAN" button and the receiver will auto-scan and lock on to an open, interference free frequency.
- Press the "ACT" button to automatically upload the receiver frequency to the transmitter.
- Output level and dynamic range accurately pre-adjusted to equal the microphone capsule's sensitivity, thus ensuring optimal performance of the system.
- Built-in 4-channel antenna divider. Addition of extension antenna and boosters enhance receiving efficiency and receiver's antenna connectors will directly provide booster bias.
- Detachable switching power supply assures stable performance in the range of 90~264V AC power input and its ventilation design assures safe temperature and stable operation of systems 24-hour a day.
- A monitoring headphone jack with channel selector and volume control on the front panel.
- Manual or PC control via comprehensive MIPRO PC-control software. Digitally controlled, real-time programmable panel provides unprecedented flexibility and command capability.
- Patented and meets worldwide wireless regulations and approvals.
- Reliable RF, transparent audio performance and an array of leading-edge features and functions which combine to make the ACT series ideal for a whole host of diverse applications.

Specifications - ACT-707

Main Frame Size	EIA standard 1-rack unit
Channels	Four-channel
Main Frame Construction	All in metal
Receiver Module	Hot swapped
Display Status	Color LCD panel displays RF/AF and diversity metering, transmitter battery fuel gauge. Allows manual setting of Group, Channel, Frequency, Performer's Name, Squelch level, Mute On/Off and Address.
Oscillation Mode	PLL synthesized
Stability	±0.005% (-10~50℃)
Carrier Frequency Range	UHF 620~950MHz
Bandwidth	24MHz
Receiving Mode	True-diversity receiving
Sensitivity	6dBμV, at S/N>80dB, 40KHz deviation
Max. Deviation Range	±68KHz, with level limiting
S/N Ratio	>105dB(A)
T.H.D.	<0.5% @ 1KHz
Frequency Response	50Hz~18KHz±3dB, with high-pass filter
Maximum Output Level	Mic-level: -20dBV/100Ω, Line-level: -4dBV/5KΩ
Output Connectors	XLR balanced & 6.3φ phone jack unbalanced. Multi-channel system can switch between separate or mixed output.
Audio Output Adjustment	The world's first wireless system with output level accurately pre-adjusted to equal to the microphone capsule sensitivity and ensure optimal performance.
Squelch	Innovative "PiloTone & NoiseLock" dual-squelch circuit.
AC Power Supply	Built-in detachable 90~264V AC switching power supply
DC Power Supply	4A, 12~15V DC
Dimensions	482(W)×44(H)×240(D)mm / 19.0(W)×1.7(H)×9.4(D)"
Weight	4.2kg / 9.3lbs
Matching Transmitters	ACT-707H , ACT-707HM , ACT-707I , ACT-707TM
Note	Varied specifications on carrier frequency range and maximum deviation to comply regulation of different countries.

Matching Microphones



ACT-707 HM ACT-707H ACT-707TM ACT-707T